

NAME _____

Unit 4 Review Sheet # 2

1. Choose your magnitude estimate. Then solve.

$$13 \overline{)8.84}$$

0.1s	1s	10s	100s
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2. Choose your magnitude estimate. Then solve.

$$15 \overline{)15.45}$$

0.1s	1s	10s	100s
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3. Jason, Pedro, Owen, and Andrea bought a box of 26 marbles and divided them equally. They gave away the leftover marbles. How many marbles did each person get?
- Write a number sentence to represent the number story.
 - Use a division algorithm to solve the problem.
 - What does the remainder represent?
 - What did you do about the remainder? Did you ignore it, report it as a fraction or decimal, or did you round it up?
4. Marcus has 20 swimming trophies. He would like to place an equal number of trophies on each of 5 shelves. How many trophies should he put on each shelf? Write a number sentence to solve.

Use a “friendly number” strategy to solve these problems mentally.

5. 96 divided by 6 equals _____.

(friendly parts of 96)

6. 84 divided by 6 equals _____.

(friendly parts of 84)

7. Solve. Show your work.

$$114 \div 32 = \underline{\hspace{2cm}}$$

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8. Solve. Show your work.

$$213 \div 33 = \underline{\hspace{2cm}}$$

9. a. Find the value of x in the first number sentence.
b. Use this value to complete the second number sentence.

$$x = 80 - 50 \qquad x^2 = \underline{\hspace{2cm}}$$

10. a. Find the value of x in the first number sentence.
b. Use this value to complete the second number sentence.

$$x = 70 - 65 \qquad x^2 = \underline{\hspace{2cm}}$$